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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

EXPRESS MAIL LABEL NO.: EV 570 956 180 US

February 14, 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: Ace Case 13

U.S. APPLICATION NO.

Confirmation No.: Unknown

(If known, see 37 CFR 1.5): Unknown

INTERNATIONAL APPLICATION NO.: PCT/JP2004/008987

INTERNATIONAL FILING DATE: June 25, 2004

PRIORITY DATE CLAIMED: June 30, 2003

TITLE OF INVENTION: INDUCTION HEATING METHOD OF ARTICLE MADE OF THIN SHEET,  
APPARATUS THEREOF AND ARTICLE MADE OF THIN SHEET

APPLICANTS FOR DO/EO/US: (1) Shingo SHIKUWA, (2) Yosiyuki MORISITA, (3) Hisao HOSHINO,  
(4) Tatsushi YURUDUME and (5) Satoshi SHIMIZU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not transmitted by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - Formal Drawings (13 sheets)
  - Title Page of WIPO Document WO 2005/002282 (two pages)
  - English Language International Search Report (two pages)
  - Postal Card

U.S. APPLICATION NO.

INTERNATIONAL APPLICATION NO.:

ATTORNEY'S DOCKET NUMBER:

(if known, see 37 CFR 1.5)

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21. [X] The following fees are submitted:

Calculations PTO USE ONLY

BASIC NATIONAL STAGE FEE:.....	\$ 300.00
NATIONAL STAGE SEARCH FEE:.....	\$ 500.00
NATIONAL STAGE EXAMINATION FEE: .....	\$ 200.00
NATIONAL STAGE APPLICATION SIZE FEE: .....	\$
<b>NATIONAL STAGE FEES</b>	<b>= \$1,000.00</b>

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	12 - 20 =	0	X \$ 50.00	\$
Ind. claims	3 - 3 =	0	X \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS</b>			<b>=</b>	<b>\$1,000.00</b>

[ ] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

- \$

**SUBTOTAL**

= \$1,000.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+ \$

**TOTAL NATIONAL FEE**

= \$1,000.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+ \$

**TOTAL FEES ENCLOSED**

= \$1,000.00

**Amount to be refunded: \$**  
**charged: \$**

a. [X] A check in the amount of \$1,000.00 to cover the above fees is enclosed.

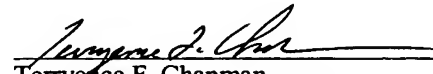
b. [ ] Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

IN DUPLICATE

**PLEASE DIRECT CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH THE FOLLOWING CUSTOMER NUMBER: 23474**

  
Terryence F. Chapman  
Registration Number: 32 549  
TFC/smd

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300.12/04

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PATENT APPLICATION

DT05 PCT/PTO 14 FEB 2005

Express Mail Label No.: EV 570 956 180 US

Date of Mailing: February 14, 2005

Applicants: Shingo SHIKUWA et al

For : INDUCTION HEATING METHOD OF ARTICLE MADE OF THIN  
SHEET, APPARATUS THEREOF AND ARTICLE MADE OF THIN  
SHEET

PCT International Application No.: PCT/JP2004/008987

PCT International Filing Date: June 25, 2004

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(if known, see 37 CFR 1.5): Unknown

Atty. Docket No.: Ace Case 13

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**EXPRESS MAILING CERTIFICATE**

Sir:

I hereby certify that the attached paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FLYNN, THIEL, BOUTELL & TANIS, P.C.

By:



Date: February 14, 2005

Documents attached: Nationalized PCT Application  
Transmittal dated February 14, 2005  
including enclosures listed thereon

Telephone: (269) 381-1156

391.05/03